

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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If you need him get in there and work him"



2019 SCDXC Christmas/Chanukah



Date: - Sunday, December 15, 2019

Time: - 11:30 am—3:30 pm

The Reef

880 Harbor Scenic Drive

Long Beach, CA 90802

562-435-8013

This year's Christmas/Chanukah Party will be on Sunday afternoon, December 15, 2019 at The Reef Restaurant, in Long Beach beginning at 11:30 am.

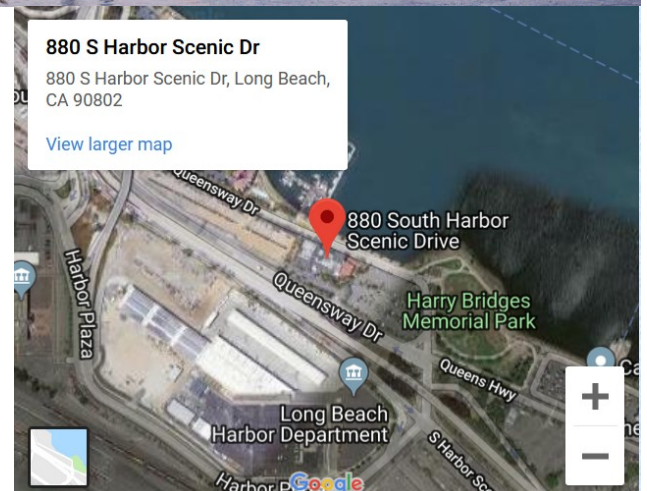
We will again be in a private room as we have been for the last number of years. We are looking to get the largest attendance ever so be sure to get your reservations early. If you have been to the party in the last several years you know the food is unbelievably good and this year should be no different. You go for Brunch, but you can have Breakfast, Lunch or Dinner or as in the case of some, all three.

When we say brunch, we mean BRUNCH. There are over 130 items on the brunch menu, so we promise you will not leave hungry. The Reef Restaurant is a fantastic venue in the shadow of the Queen Mary, located on the water in Long Beach. Please plan to join the club and help us finish of another fantastic year for the SCDXC!!!

Make your reservations by following [reservation link](#) on the holiday party link :

<http://www.scdxc.org/holiday.html>

Seasons Greetings and Merry Christmas!!!



**2019
Board of Directors**

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Kris Jacob KC6TOD

Vice President
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Bill Kendrick N6RV

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Jim Shryne N6DHZ

From the Desk of the President

Kris Jacob, KC6TOD

Hello DXers!

Our November 7th meeting, the presentation is being done by one of our members, Terry K9TAD. Terry has a presentation on Sun Spots. We will also have our election of new board members at this meeting. This is a critical meeting so please come out and support the club. If you are interested in volunteering for a position, please let the board know – board@scdxc.org.

The 2020 International DX Convention second meeting on Saturday, November 9th, at 10:00 am. The meeting will be held at WEMS, Inc., 4650 West Rosecrans Avenue, Hawthorne, CA 90250. We are so pleased that many of our members have already volunteered to help, as well as the San Diego DX Club and the Great Salt Lake Contest Club. We are still looking for more members to volunteer.

Mark your calendars, our annual Holiday Party will be on December 15th at the Reef Restaurant in Long Beach from 11:00 am to 3:00 pm. The cost per person will be \$50.00. The Sunday Brunch at the Reef is excellent. Reservations need to be in by December 7th, so please go online or mail in your reservation to Cathy K6VC.

The IDXC Logo contest deadline is December 7th as well. Remember if your logo is chosen you receive a paid registration to the DX convention. I have already received one submission... looking forward to more.

Please be sure to join us on Thursday, November 7th at 7:00 pm. Remember, we get together for dinner at the Sizzler Restaurant, 17544 Hawthorne Blvd., Torrance, CA 90504. The Sizzler is just a short distance from WEMS. See you there! Best of 73!

Kris Jacob – KC6TOD
2019 SCDXC President

November Calendar

November 2	Ukrainian DX Contest
November 9	WAE DX Contest, RTTY
November 9	JIDX Contest, SSB
November 9	OK/OM DX Contest
November 14	Regular Club Meeting
November 16	LZ DX Contest
November 23	CQWW DX Contest, CW
November 30	Russian WW Multi Mode Contest

The VPs Corner

Scott Orr, W6MKO

The holiday season is upon us and I hope everyone is doing well. The holiday party is coming up in December and I hope all of our members can make. Tickets for the celebration are available now!

www.scdxc.org/holiday.html

Also, it is a good time to start planning for the DX convention, I heard the Wyndham is sold out, so don't wait until it is too late. It seems every month I come across an article that is negative to Amateur radio. Our own state officials have declared Ham Radio no longer a benefit to the public or state and have notified repeater operators they can no longer use public land, here is a link to the article.

<https://offgridsurvival.com/california-officials-declare-ham-radio-no-longer-a-benefit/>

Unfortunately, it is all too common for the state to make these decisions without the input of experts and it will take a major disaster to wake them up. I have knowledge of the Firstnet system. Being a government project it has many shortfalls. I liken it to the LARICS radio system in Los Angeles County to give an interoperability radio system to police and fire. They both run on a cell system and we know how reliable they are, especially during power outages.

That's all I have this month, stay healthy.

Scott Orr
W6MKO
Vice-President
Southern California DX Club



Rumors on the Band

So!!! Again November is a big DX month. All the vacationers are out and about operating from various exotic locales and participating in the Fall Contest Season. Do you need one of these entities? Well then, get on the air and work them. Fill out those band slots!

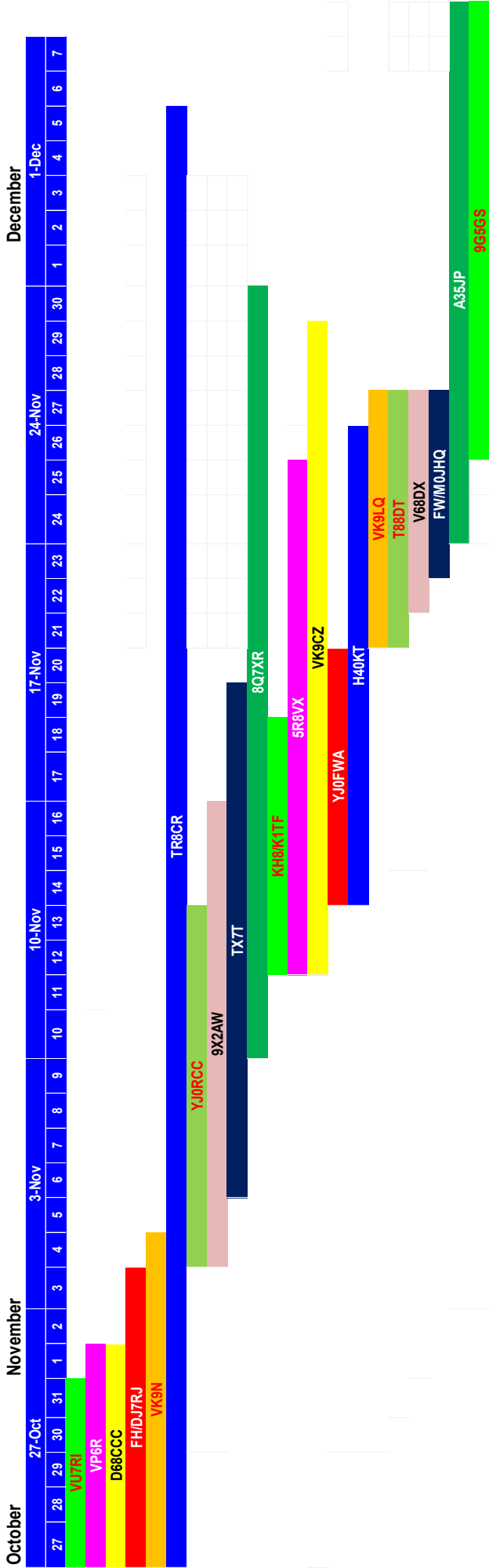
DXCAL.info

NG3K.com

QTH	Call	Start Date	End Date	Information
Lakshadweep Isl.	VU7RI	Now	31-Oct	M0KRI VU2OB VU3XTG 80-6m SSB CW FT8
Pitcairn Isl.	VP6R	Now	1-Nov	AA7A EY8MM JR4OZR K0IR K0PC K9CT K9NW N4GRN N6HC W0GJ W0VTT W6IZT W8HC WB9Z SM5ADQ 160-6m SSB CW DIGI
Comoros	D68CCC	Now	1-Nov	International Team 160-6m SSB CW Digital
Mayotte	FH/DJ7RJ	Now	3-Nov	DJ7RKI 80-30m CW SSB
Norfolk Island	VK9N	Now	4-Nov	SP5EAQ SP7VC SP5ES CW SSB Digi
Gabon	TR8CR	Now	5-Dec	F8EN HF CW
Vanuatu	YJ0RRC	4-Nov	13-Nov	RZ3FW R4WAA 160-17m CW SSB RTTY
Rawanda	9X2AW	4-Nov	16-Nov	DF2WO HF CW SSB RTTY FT8
Marquessas	TX7T	6-Nov	19-Nov	F6BCW K4UEE K5PI W5MJ W5RF VA7DX 160-6m CW SSB RTTY FT8
Maldives	8Q7XR	10-Nov	30-Nov	ZL1BQD 80-10m CW SSB FT8
American Samoa	KH8/K1TF	12-Nov	18-Nov	JA1VND HF CW SSB Digital
Madagascar	5R	12-Nov	25-Nov	JA8VE (5R8VX) JA8KU (5R8KU) SSB CW Digital
Cocos Keeling	VK9CZ	12-Nov	29-Nov	GM3WOJ GM4YXI 160-10m CW SSB FT8
Vanuatu	YJ0FWA	14-Nov	20-Nov	RZ3FW R4WAA 160-17m CW SSB RTTY
Tomotu	H40KT	14-Nov	26-Nov	K1ZW (H40KT) N7QT (H40TT) 160-10m CW SSB RTTY FT8
Lord Howe I	VK9LQ	21-Nov	27-Nov	DF8AN 160-6m CW SSB FT8
Palau	T88DT	21-Nov	27-Nov	JH1OLB 160-6m SSB CW RTTY PSK31 SSTV JT65A
Micronesia	V63DX	22-Nov	27-Nov	JA1MHZ 160-10m
Wallis & Futuna	FW/M0JHQ	23-Nov	27-Nov	JA0JHQ 160-10m CW SSB FT8
Tonga	A35JP	24-Nov	31-Dec	JA0JHQ 160-10m CW SSB FT8
Ghana	9G5GS	26-Nov	28-Dec	IZ4YGS 160-20m FT8



DX for November



DX Standings

Brad, WB6TJI added Kosovo to his DXCC count bringing it up to 355/338. It is always hard to snag those last few!

Bill, WA5VGI, updated his WAZ standings. He now has 364 / 200. With 60 meters he adds 20 more!

Jerry, K6QU picked up several band slots. Way to go Jerry! Good to see you chasing the DX.

Bill, N6WS, added another zone on 160 when he received his Greenland card OX). There is little left for our senior Associate Member to work!

Send any updates to:

N6RV@SCDXC.org

N6WS Stats

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M Mixed
P Phone
C CW
R RTTY
5 5 Band

The first DXCC column is the confirmed entity count with deleted countries. The second column is the confirmed current entity count. The third column is the challenge slots.

The members highlighted in **Red** are at the top of the Honor Roll. Those in **Blue** are on the Honor Roll

Totals	160	80	60	40	30	20	17	15	12	10	6	
Worked	30	39	28	40	40	40	40	40	38	40	17	392
Confirmed	27	39	27	40	40	40	40	40	38	40	15	386
5B Conf		39		40		40		40		40		199
Countries W	106	197	69	318	276	346	292	335	210	301	30	2480
Countries C	84	169	58	289	251	341	268	317	182	276	22	2257

SCDXC DXCC Standings									
Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots
1	W6KH	389	340		62	AA6PW	328	328	1709
2	K6KII	387	340		63	N6AX	327	327	1198
3	JA1BK	383	340	3147	64	AC6DX	322	320	1887
4	K6YRA	378	340	2272	65	KJ6Y	321	321	1312
5	OH2BH	377	340		66	N6NPG	319	319	
6	ON4UN	373	340	1975	67	K7MY	319	317	831
7	N6UC	368	339		68	AK6I	317	317	
8	DJ9ZB	365	340	2665	69	W1YL	315	315	
9	K6YUI	366	340	2598	70	KC6T	314	314	
10	W6BCQ	365	339	1600	71	N6GP	314	292	1583
11	NS6C	361	340	2503	72	W6HB	311	311	1029
12	K6SMF	360	338		73	N6VNI	311	309	1550
13	W6SR	359	340	2799	74	NK6A	303	297	957
14	W6HT	358	340		75	K6IRD	298	292	649
15	K6FG	357	340	2774	76	ZL3TE	297	295	1430
16	K8RD	357	340		77	N6DHz	295	289	1053
17	WA6WZO	357	339		78	N6WT	292	292	1436
18	N6RV	356	339	2191	79	N6UOZ	280	280	
19	W6OU	356	337	1599	80	KT6LA	279	277	1035
20	K6GXO	355	340	2633	81	WA6WDX	274	220	
21	K5KT	355	340		82	K6VC	259	225	
22	W6TJI	355	338		83	K6SS	255	225	882
23	K6IPV	355	335	1800	84	W3SE	249	244	754
24	N6QQ	354	338	2178	85	W6DOE	244	244	1005
25	W6IRD	354	338		86	KQ6K	243	243	
26	W8DX	352	339	2517	87	N6VOH	243	222	
27	W6RW	351	337	1991	88	W6LEN	236	236	771
28	W6TK	350	340	1945	89	K6JEY	234	234	
29	W6YOO	350	340	2130	90	N6HE	233	225	642
30	KC6X	350	339	2081	91	K6RI	232	232	492
31	N6WS	351	339	2258	92	N6AA	222	222	
32	N6HK	350	340		93	W6WVW	220	220	691
33	N7NR	350	329	1127	94	K6AWB	219	219	
34	W6KK	349	340	1864	95	K6DDJ	214	211	551
35	W6ENZ	349	339	2383	96	NE6V	213	213	663
36	W6VX	349	339	2772	97	W6KC	203	202	589
37	WA5VGI	348	340	2699	98	W0PE	201	201	
38	N6HC	349	340	2319	99	W6JEA	195	195	
39	K6ND	348	339	2562	100	N6PM	192	191	618
40	N6IC	347	337		101	N6LL	169	169	
41	SM5GMZ	346	335	2379	102	KF6I	166	166	
42	N6HY	345	337	2424	103	K7LA	160	160	365
43	K6RO	345	336	2256	104	W6EA	152	152	
44	W6FL	345	331	1223	105	W6QE	149	149	224
45	KR6C	344	338	1985	106	N6DBF	142	142	374
46	K6LPO	344	331	1236	107	AB9A	141	141	
47	N6PEQ	343	337	1941	108	KI6RRD	139	138	376
48	KM6HB	343	336	1933	109	N6CA	133	133	
49	N6PE	343	331	1941	110	N6RU	129	128	279
50	A16Z	342	335	2174	111	K6MKL	126	126	185
51	K7ACZ	341	337	1756	112	K6DSW	122	122	268
52	N6MXU	341	331	1416	113	KC6TOD	120	120	
53	N6XT	339	332	1413	114	W6MKO	110	0	0
54	W6SW	339	331	540	115	K9TAD	109	109	137
55	W6ZPL	338	335	1367	116	KA6D	107	107	
56	K4ST	337	333	1843	117	K6BBC	103	103	
57	K2IXQ	337	332	1746	118	NQ6L	101	101	
58	K6SY	335	329	1070	119	K6SBA	100	100	
59	W6DR	331	326	1431	120	N6YQ	100	100	
60	K6QU	329	323	1346	121	WA6MEM	100	100	
61	K6JW	329	323	1068	122	N6RRY	100	70	125

WAZ Standings				
Rank	Call	11B	5B	Awards
1	K6ND	378	200	M/5
2	W6SR	378	200	M/P/C/5
3	K6FG	368	200	M/P/C/R/5
4	WA5VGI	365	200	M/P/C/5
5	EU7SA	357	200	M/5
6	W8DX	357	200	M/5
7	N6AW	355	200	M/P/C/5
8	K6YUI	353	200	M/P/C/R/5
9	NS6C	345	200	
10	K6YRA	337	200	P/5
11	N6OU	220	200	
12	SM5GMZ	352	200	M/P/C/5
13	N6WS	388	199	M/P/C/R
14	W6VX	352	199	M/P/C
15	K6GXO	358	198	M
16	W6ENZ	350	197	
17	N6HY	365	196	M/P/C
18	K6RO	327	196	M/P/C
19	W6TK	326	195	
20	A16Z	321	194	
21	N6MXU	155	193	
22	N6RV	347	190	M/P/C/R/5
23	KC6X	320	189	
24	N6QQ	337	187	
25	KM6HB	316	186	
26	AC6DX	321	185	
27	W6YOO	308	185	
28	KR6C	324	184	
29	W6DR	316	184	
30	N6GP	304	184	
31	W6OU	297	184	
32	K7ACZ	308	183	
33	K4ST	278	182	
34	AA6PW	291	181	
35	N6VNI	299	178	
36	ZL3TE	294	178	
37	K6KII	191	177	
38	KT6LA	233	173	
39	K0OK	286	173	
40	K6SY	246	173	
41	W6ZPL	237	173	
42	KJ6Y	261	172	
43	N6WT	298	164	
44	N6DHz	241	162	
45	NK6A	217	156	
46	W6KC	161	153	
47	W6FL	256	149	
48	N6PM	233	147	
49	K7MY	227	141	
50	NE6V	207	141	
51	N6HE	195	134	
52	K6DDJ	182	132	
53	KB6CIO	192	126	
54	K6IRD	154	126	M/P
55	N6DBF	179	118	
56	W6SW	147	118	
57	KI6RRD	181	113	
58	W3SE	102	112	
59	K6RI	157	111	
60	W6IRD	151	111	M/P
61	K6VC	96	96	M/P
62	N6RU	132	96	
63	W6MKO	130	88	
64	W6EA	92	86	
65	N6UC	78	78	M
66	KE6PLA	104	72	
67	KA6TTV	82	67	
68	K6QU	94	66	
69	N6RRY	76	65	
70	K9TAD	61	55	
71	K6JW	40	40	M/P
72	N6HK	40	40	M
73	W6DOE	37	37	
74	W6LEN	33	27	
75	K6FOD	17	13	
76	N6HC	17	13	M/P/C
77	KB6TKV	17	13	P
78	K8RD	17	13	C

2019 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1TU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

We are climbing up in the stats!! It is still disheartening to see that we are in fact at the solar minima and the count is suffering. Just think how bad it would be if FT8 did not stimulate more activity. FT8 not only increases activity in that mode, it seems to have raised the level of activity in all modes. The total entity estimate for 2019 is around 263, that is if more entities show up!

This month club members picked up 3 new entities, D6, EP, and ZK3. The ClubLog leaders picked up 4, CY0, D6, VU7, ZK3.

Our club leader, Kent, N6WT, is back in the race and has picked up several choice entities including a few ATNOs. Altogether the members have really stepped up! Several have increased their count by double digits. Two members increased their count by 25%, 22 and 33 entities added respectively. That is not bad for a one month period!

Our resident Associate Member in long standing, Bill, N6WS has increased his slot count by almost 100 and leads the 160 count with 64 entities worked.

Don't forget CQWW CW. This newsletter will be out after CQWW SSB. Right now the DXpeditions are revving up their engines!

2019 Get Schroeder Leaders								
2019 Total Entities Worked								277
2018 Total Entities Worked by October								289
2019 Entities Worked by SCDXC								261
2018 SCDXC Entities Worked by October								273
2019 ClubLog Leaders								277
2018 ClubLog Leaders Entities Worked by October								279
2018 SCDXC Members								281
2018 SCDXC Leader (N6WS)								261
2018 ClubLog Leaders								292
Rank	Call	Entities	Lat Mo.	Last Yr	Leader	-Tot	-CQ	Uniques
								5
1	N6WT	241	4	-18	0	20	-12	1
2	N6WS	234	7	-28	-7	27	-5	0
3	W6TK	232	6	-17	-9	29	-3	0
4	N6QQ	229	6	-25	-12	32	0	0
5	N6RV	228	11	-35	-13	33	1	0
6	W6OU	223	4	19	-18	38	6	0
7	WA5VGI	205	8	32	-36	56	24	0
8	K6RO	203	9	203	-38	58	26	0
9	SM5GMZ	193	12	31	-48	68	36	0
10	K6QU	182	10	57	-59	79	47	3
11	K7ACZ	169	13	-44	-72	92	60	0
12	K6RI	167	16	14	-74	94	62	0
13	NS6C	162	9	-49	-79	99	67	0
14	N6PM	161	10	24	-80	100	68	0
15	A16Z	158	6	-42	-83	103	71	0
16	K0XP	147	10	147	-94	114	82	0
17	K6FG	134	5	14	-107	127	95	0
18	W6DR	134	33	3	-107	127	95	0
19	W6ENZ	128	9	-11	-113	133	101	0
20	N6GP	127	15	-6	-114	134	102	0
21	K6SY	122	10	122	-119	139	107	0

SCDXC Worked Not CClubLog

None

ClubLog Worked Not SCDXC

5A	CY0	TJ	VK9X
5U	J2	TL	VU7
9N	JD1/M	TN	XZ
A2	JX	TT	YI

2019 Get Schroeder Contest

SCDXC Get Schroeder Standings 2019															
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs
1	N6WT	10	61	19	151	123	200	103	58	7	4	7	241	743	5
2	N6WS	64	72	62	146	120	207	124	81	30	10	17	234	933	55
3	W6TK	23	76	27	144	128	211	149	81	23	11	3	232	876	62
4	N6QQ	18	49	8	160	151	206	136	85	33	28	12	228	886	62
5	N6RV	0	2	2	158	107	180	93	76	19	9	20	228	666	51
6	W6OU	9	21	0	70	28	149	48	21	4	2	2	223	354	56
7	WA5VGI	40	0	44	53	27	168	84	14	0	0	10	205	440	35
8	K6RO	7	47	16	125	86	178	141	74	32	24	9	203	739	31
9	K6QU	35	70	0	102	115	153	95	52	21	9	7	182	659	5
10	K7ACZ	10	16	0	65	32	145	19	7	1	0	0	169	295	50
11	K6RI	0	0	0	63	67	78	56	17	17	3	10	167	311	6
12	NS6C	26	36	0	70	37	105	29	16	3	1	8	162	331	62
13	N6PM	11	79	40	74	69	107	52	30	25	6	3	161	496	25
14	AI6Z	1	14	0	45	2	150	11	41	2	3	0	158	269	26
15	K0XP	15	41	0	121	27	78	18	15	1	0	0	147	316	1
16	K6FG	34	43	0	62	13	98	17	18	1	0	14	134	300	63
17	W6DR	53	31	3	87	3	80	4	17	0	4	2	134	284	39
18	W6ENZ	35	28	8	78	42	82	42	11	5	1	7	128	339	52
19	N6GP	0	34	0	47	13	108	3	39	1	13	3	127	261	30
20	K6SY	1	19	0	66	11	102	20	9	1	0	2	122	231	50
21	K6FOD	2	17	0	52	37	30	25	13	1	1	1	93	179	1
22	NK6A	0	0	0	38	0	84	8	33	0	6	0	88	169	74
23	N6DHZ	0	0	0	30	2	71	15	14	3	1	0	81	136	31
24	ZL3TE	3	15	0	36	30	55	25	23	3	6	1	79	197	15
25	KI6RRD	1	11	0	35	23	27	47	29	6	2	3	79	184	11
26	WB6DJI	0	8	0	42	1	61	12	12	1	1	1	76	139	6
27	N6VNI	1	5	0	45	7	52	4	0	1	0	1	74	116	30
28	N6HY	2	7	1	45	5	48	1	0	0	0	0	69	109	66
29	W6M KO	0	25	0	41	25	36	4	1	0	0	2	68	134	2
30	N6PE	4	3	0	16	30	32	14	9	5	1	2	66	116	54
31	KE6PLA	1	2	0	5	12	52	12	12	0	1	2	57	99	3
32	W6LEN	0	6	0	27	11	28	10	8	0	1	0	47	91	41
33	W6SR	0	7	1	6	28	15	12	8	10	1	3	43	91	52
34	N6DBF	0	0	0	20	14	23	0	2	0	0	1	35	60	33
35	KR6C	2	1	0	17	2	14	1	5	0	2	0	34	44	41
36	K7MY	0	0	0	4	0	28	0	10	0	1	0	33	43	42
37	NE6V	0	10	0	4	11	7	5	2	0	0	1	32	40	23
38	K9TAD	0	1	0	3	2	19	3	0	0	0	1	25	29	12
39	KB6CIO	0	2	0	5	7	9	5	1	0	0	0	16	29	36
40	KJ6UVQ	0	0	0	3	0	12	0	2	0	1	0	14	18	7
41	N6RU	0	0	0	1	0	12	0	3	0	0	0	14	16	13
42	N6RRY	0	0	0	6	0	8	0	0	0	0	1	13	15	31
43	KF6I	4	8	0	1	0	8	2	2	0	0	3	12	28	15
44	W6SW	0	0	0	1	0	8	2	1	0	0	0	9	12	40
45	KC6X	0	5	0	0	0	0	0	0	0	0	0	5	5	42
46	AA6PW	1	3	0	4	0	3	0	2	0	0	0	4	13	32
47	W6KC	0	1	0	2	0	2	0	0	0	0	0	3	5	59

2019 SCDXC Slot Leaders		
Rank	Call	Slots
1	N6WS	933
2	N6QQ	886
3	W6TK	876
4	N6WT	743
5	K6RO	739
6	N6RV	669
7	K6QU	659
8	N6PM	496
9	WA5VGI	440
10	W6OU	354
11	W6ENZ	339
12	NS6C	331
13	K0XP	316
14	K6RI	311
15	K6FG	300
16	K7ACZ	295
17	W6DR	284
18	AI6Z	269
19	N6GP	261
20	K6SY	231
21	ZL3TE	197
22	KI6RRD	184
23	K6FOD	179
24	NK6A	169
25	WB6DJI	139
26	N6DHZ	136
27	W6M KO	134
28	N6VNI	116
29	N6PE	116
30	N6HY	109
31	KE6PLA	99
32	W6LEN	91
33	W6SR	91
34	N6DBF	60
35	KR6C	44
36	K7MY	43
37	NE6V	40
38	K9TAD	29
39	KB6CIO	29
40	KF6I	28
41	KJ6UVQ	18
42	N6RU	16
43	N6RRY	15
44	AA6PW	13
45	W6SW	12
46	KC6X	5
47	W6KC	5
48	W6KC	5

160M SCDXC Standings		
Rank	Call	Score
1	N6WS	64
2	W6DR	53
3	WA5VGI	40
4	K6QU	35
5	W6ENZ	35
6	K6FG	34
7	NS6C	26
8	W6TK	23
9	N6QQ	18
10	K0XP	15
11	N6PM	11
12	N6WT	10
13	K7ACZ	10
14	W6OU	9
15	K6RO	7
16	N6PE	4
17	KF6I	4
18	ZL3TE	3
19	K6FOD	2
20	N6HY	2
21	KR6C	2
22	AI6Z	1
23	K6SY	1
24	KI6RRD	1
25	N6VNI	1
26	KE6PLA	1
27	AA6PW	1

6M SCDXC Standings		
Rank	Call	Score
1	N6RV	20
2	N6WS	17
3	K6FG	14
4	N6QQ	12
5	K6RI	10
6	K6RO	9
7	WA5VGI	9
8	NS6C	8
9	N6WT	7
10	K6QU	7
11	W6ENZ	7
12	W6TK	3
13	N6PM	3
14	N6GP	3
15	KI6RRD	3
16	W6SR	3
17	KF6I	3
18	W6OU	2
19	K6SY	2
20	W6M KO	2
21	KE6PLA	2
22	K6FOD	1
23	WB6DJI	1
24	ZL3TE	1
25	N6VNI	1
26	N6PE	1
27	NE6V	1
28	N6DBF	1
29	K9TAD	1
30	N6RRY	1
31	K6YUI	1

Entities Worked on 6 Meters

9Y FG KL7 VE
 BY HI KP4 VK
 C6A J6 PY XE
 CO JA PZ YV
 CT K TI ZF
 EA8 KH6 V3

All Continents Worked Except
 Antarctica

The Non-SteppIR DB34 Evolution

(step-by-step by Step)

N6WS & W6TK

Dick, W6TK, has recently modified his SteppIR DB32 antenna to add a third trombone element. The newest configuration during its evolution had been dubbed the mini-DB36, DB35, DB34+2, but the DB34 nomenclature has seemed to stick. Dick's SteppIR antenna has evolved through the years from a basic 4-element SteppIR to its current state of having 4-elements, of which three are trombone elements. I will explain the evolutionary process step-by-step taken by Dick, who is known locally as Step. The Step nickname has nothing to do with SteppIR, it comes from a shortening of his family name, Stepanian.

Dick's antenna started as a basic 20m-10m 4-element SteppIR, and has evolved through several steps to having 3 trombone elements on 30m and 40m while maintaining 4 elements on 20m through 10m. The change in Dick's antenna configuration over the years has been gradual, spanning 10 years.



The first modification Dick made was to replace the original SteppIR 'pipe-bomb' interconnecting system with a SteppIR junction box. This was a fairly basic modification that has been done to most of the original SteppIR antennas troubled with 'pipe-bomb' failures.

The first real modification Dick made to change the antenna characteristics was to add a trombone driven element to replace the original element, giving him the additional capability of a rotatable dipole on 30m and 40m. This is a configuration fully supported by SteppIR, and is a standard step many owners have taken to add 30m and 40m to their standard 5-band SteppIR models. That antenna configuration lasted Dick about 5 years.

As many hams who have a rotatable dipole on 30m and 40m have experienced, Dick desired a bit of gain on the lower two bands. So, the natural progression was to add a passive second trombone element as a reflector element on those bands. There had been articles mentioning this configuration on the Web, and it was commonly known as the SteppIR DB32. In this configuration the second trombone element replaced director-2, making it into the DB32 configuration that is minimally supported by SteppIR. SteppIR did have a chip available for the Fluid-Motion controller with the DB32 configuration, but the DB32 was not available as a standard product. The DB32 configuration gave good gain on 30m and 40m, but had an odd characteristic. The direction of maximum radiation on the 40m and 30m bands was 180 degrees from 20m through 10m. With the DB32 configuration it was easy to find your antenna accidentally pointed 180 degrees from the DX station you were trying work. Well, this DB32 configuration lasted Dick about 4 years.



I think it was the fact that two of his neighbors had put up SteppIR DB36 antennas that gave Dick the inspiration to expand his DB32 to add a third trombone element. There was also an article on the Web by K9RX showing the results of his addition of three trombone elements on a 32' boom. K9RX dubbed this version the DB30-RX. This article was the real inspiration that adding a third trombone could actually work.

When the opportunity came up to purchase a third trombone element, Dick drove to Northern California and picked it up. Okay, now he has three trombones and a 4' boom extension ready to expand his DB32 to a previously untried configuration of three trombones and a passive 20m through 10m director element on a 36' boom.

With a little help from EZNEC+, AutoEZ, and 4nec2 antenna modeling programs, models were developed to show an antenna like the DB36, but with a smaller 36' driven element, was a practical design. Not only was it a practical, Dick had all the necessary parts to modify his DB32 into a DB34. Throwing caution to the wind, Dick took his DB32 off his tower three weeks before the California QSO Party to prepare for the latest modification.

The modification to the DB32 consisted of extending the boom 4', and moving the driven element 17" forward on the boom. That seemed pretty simple, but it allowed for some necessary periodic maintenance, such as painting of the fiberglass element tubes while the antenna was on the ground. When all the maintenance and modifications were accomplished the antenna went back up on the tower. The final antenna party was on Friday, Oct 4, the day before the California QSO Party. This was a Just-In-Time antenna modification.



Now came the real test. How close were the models to reality? The modeled element lengths were fed into the SteppIR SDA100 controller for 20m, and they were very close to what was expected. The element lengths for the other bands were then fed into the controller with similar good results. This boosted confidence in Dick's ability to use the antenna for the California QSO Party. Initial on-the-air tests showed there was good directional quality and gain. The antenna in the DB34 configuration seemed to be working as predicted in the models.

The first on-the-air test comparing the DB34 to a DB36 on 40m showed the results were very similar, with both antennas receiving the same signal report. The real test came on Saturday during the California QSO Party. Dick was able to make 1,500 QSOs in 18.5 hours during a Sunspot low. The antenna upgrade worked well.

I only know of one other SCDXC member with a DB32, so I will not take up newsletter space going into the technical information of the modification. If John, N6QQ, modifies his DB32 to a DB34, it may make him harder to catch in the annual 'Get Schroeder Contest', so please don't encourage John to add a third trombone to his DB32.

I want to thank the Bill, N6RV, and Chip, N6CA, for their technical input during the development of this modification. Several evenings were spent on the K6DXC DX-Chat discussing the variations and trade-offs in HF Yagi antenna design.

Oh, by the way, Dick's antenna modifications may not have ended with the DB34. During the accumulation of parts to make the DB34, Dick has two extra 20m though 10m passive elements remaining in his garage. There may be a possibility of further evolution of Dick's SteppIR to a 5-element DB44 or 6-element DB50.

(Note: The position of the reflector trombone EHU is 34" from the reflector end of the 36' boom, so the effective antenna boom-length is really 34'2". The effective boom length is how the DB34 nomenclature was derived.)

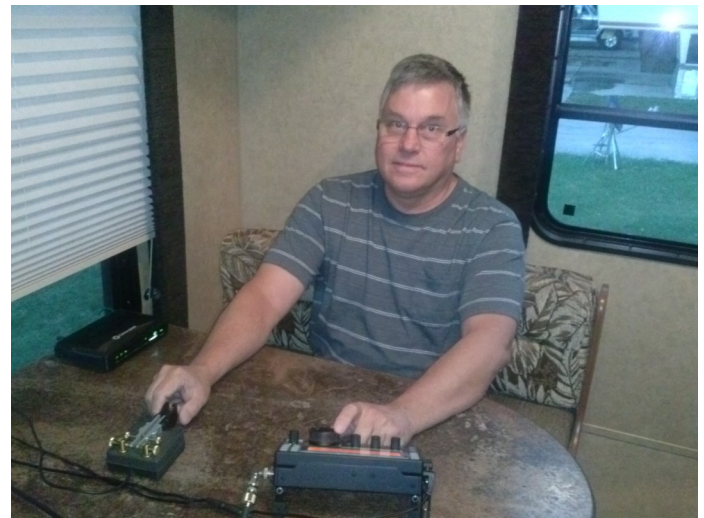


Dave Cuthbert, KH6AQ His Hawaiian Adventure

Way back when, a group of young hams that lived in San Pedro terrorized the bands. Many went on to live storied lives and sadly some are no longer with us. Alan, (WB6HHQ now W6AWG), Roy, nicknamed BVDs (WB6BVW now N6VW) Dave, (WA6ANL now KH6AQ), Bob (WA6CMX, later became N6BK, HS0ZIA (SK)), Bill (WB6ZHT now N6RV), and about a dozen more invaded the local ham club, URAC, in the late 1960s, early 1970s. It was a great time to be a kid and even better to be a ham. We were the engine behind Field Day, worked on each others stations, harassed one another on the air and challenged each other to advance the hobby. We also mimicked local big guns like W 6 America Mexico ...Are you calling me? Name is Don (in his lyrical voice), W 6 Alpha Oscar Alpha ... Yeah! Name is Frank You're on my frequency! I worked him first (in his chesty bass voice), and K 6 Sugar Victor Lima ... John here (in a high shrill ear piercing voice). It was all in good fun.

Our first trip to SCDXC was to Clifton's Cafeteria. A group of sixteen year olds showed up smoking foot long stogies, kicking their feet up on the tables mimicking the big guns (*yeah, name is Frank!*) Maybe some remember those obnoxious little whatever's.

Dave, KH6AQ, moved to Hawaii a few years back. He built a low maintenance, almost off the grid home on The Big Island just North of Kilauea on the East side of the Island. His QTH has a water catchment system, county electric with a generator and solar back up and local water and sewer services. Thermal energy is more than ample!

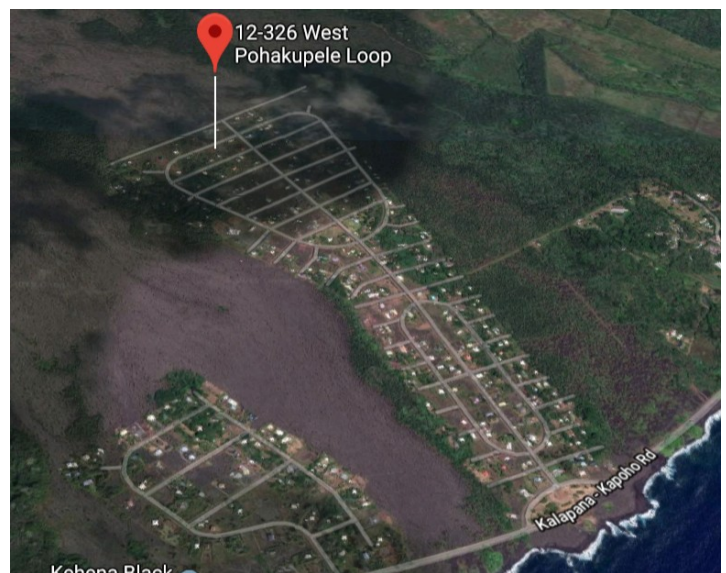


Dave's career began at Hughes Electron Dynamic Division in Torrance where he worked on Travelling Wave Tubes for Space and Ground applications. Dave was a source for surplus 4-1000A that were used as current drivers in the test equipment. Once the pulse out of the tubes sagged they were replaced. These gems had more than enough oomph to put out many kilowatts on the ham bands for years!

After his stint at Hughes Dave moved on to an engineering position with Tektronics. He worked on the design of various pieces of test equipment (oscilloscopes, spectrum analyzers, etc.). Eventually Dave settled into a very specific field, EMI / EMC. For those who do not know this discipline, it is the one that the plasma TV industry (and most junk from China) ignores. Dave made sure that nothing radiated from their equipment or conducted out through the electrical interfaces. This insuring no Electromagnetic Interference (EMI) to the surrounding environment. The equipment was also designed for Electromagnetically Compatible (EMC) with the environment as well. This insures that any radiation impinging on the equipment would not degrade performance or damage it. Likewise any conducted emissions passing into the equipment had no deleterious effects on the equipment. This discipline is also known as radiated and conducted emissions.

One of his favorite jobs was lightning simulation. A large electrical transient discharge was applied either to the frame of the equipment or on the AC lines to evaluate the effect on the equipment. Now, what ham when they were a kid didn't love to blow up things! Dave was paid for doing just that!

Throughout his life Dave has been an experimenter. He developed, modeled and tested many compact vertical antennas. Despite numerous friends urging, Dave has not put up a beam antenna since his teens when he lived in San Pedro. Even then he experimented with large loading coil (Hi Q) shortened dipoles. When he moved to Salt Lake City Utah, he would compete in the 160 meter contests in the QRP category with a balloon vertical on a sandbar in the Great Salt Lake. He placed very high nationally and won a few in that category as WX7G.



Recently Dave has been comparing three antennas:

80 meters: 34' x 34' inverted-L, w/ 32 radials >30' long

40 meters: 34' vertical (supports the 80 meter inv-L).

80 - 10 meters: 102' inverted-vee (G5RV) up 40'

He ran hundreds of A-B tests and made the following conclusions:

The G5RV was comparable to the inverted L on 80 meters. That was unexpected. The G5RV is only up 40 feet.

The vertical through a tuner is a little better than the G5RV on 30 meters

The vertical is 5 dB better than the G5RV on 40 meters.

Currently Dave has shortened the G5RV making it a 34 foot inverted-vee on 20 - 10 meters. Future plans include a cobweb antenna, a six meter beam, and possibly a hex beam. He also will be using a balloon 1/4 wave vertical on 160 meters that he will put up temporarily during the contests.

Look for Dave in the DX and 160 meter contests this season! Give him a contact! He is a chip shot from here and has been worked by members recently even with low gain antennas! Yes! Dave is old school. He is proficient at CW and copies by ear and sends with a key! He also operates FT8 and not much on SSB!



Double Rainbow with 40 meter vertical in foreground



Everyone Get on Mumble

Bill, N6WS, forwarded this DX Chat tutorial. DX Chat has all but replaced the SCDXC repeater. Those active have worked over 200 entities this year and have helped each other towards increasing their DXCC and WAZ standings. Come join the fun!!!

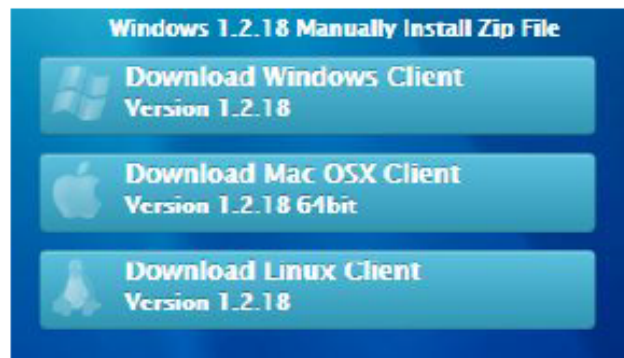
DX Chat for SCDXC

v00.09

Installation of Mumble Application

Download Mumble application for Windows

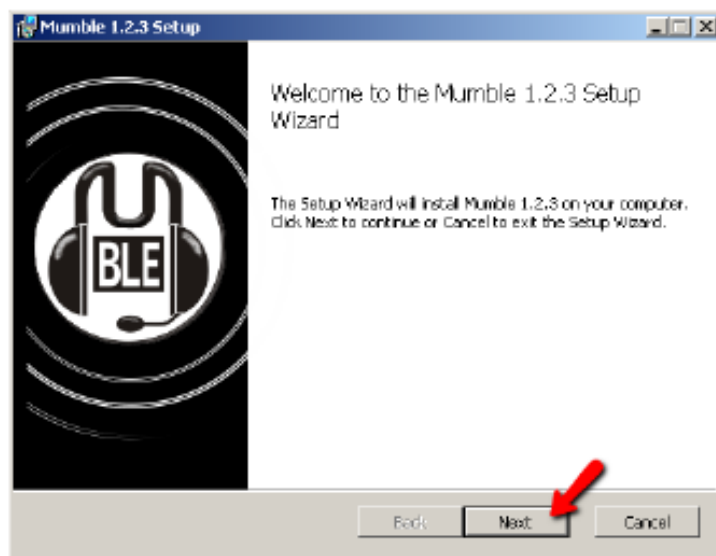
<http://www.mumble.com/mumble-download.php>



Installing Mumble On Windows

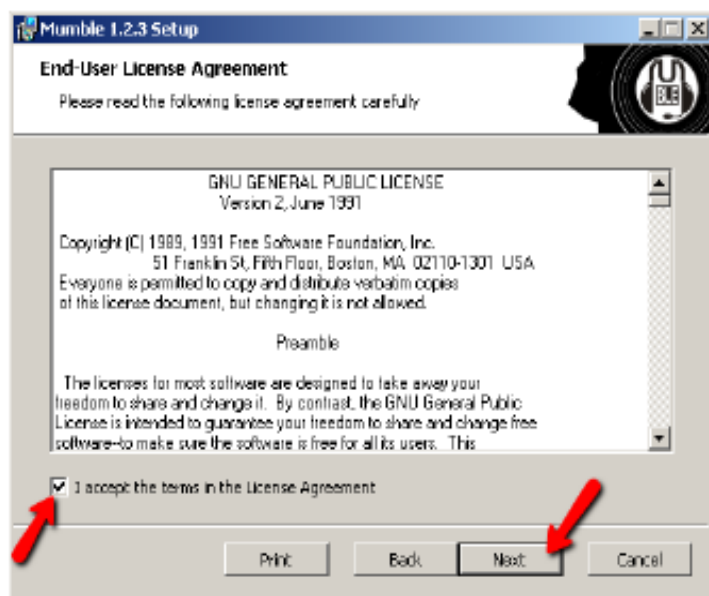
Install Mumble by opening the downloaded file, `mumble-1.2.18.msi`

At the Welcome screen, click the Next button.



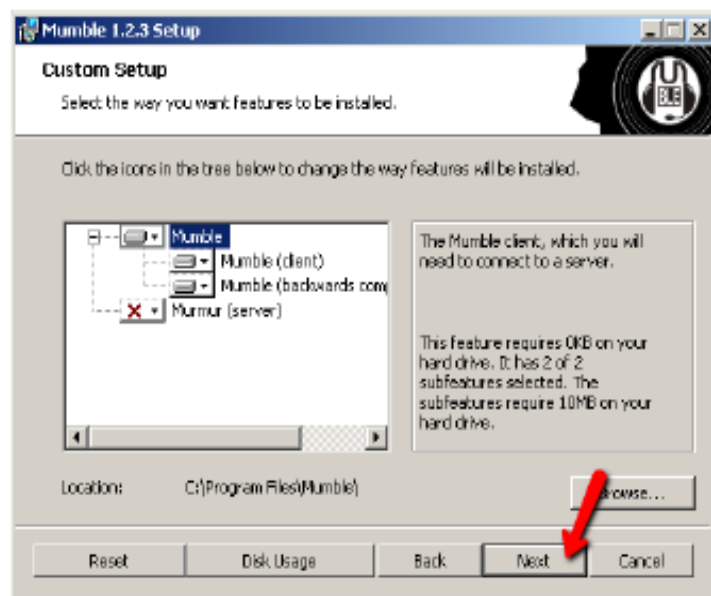
Agreement

Read through the End-User License Agreement and click that you accept the terms and then click the "Next" button to continue the process.



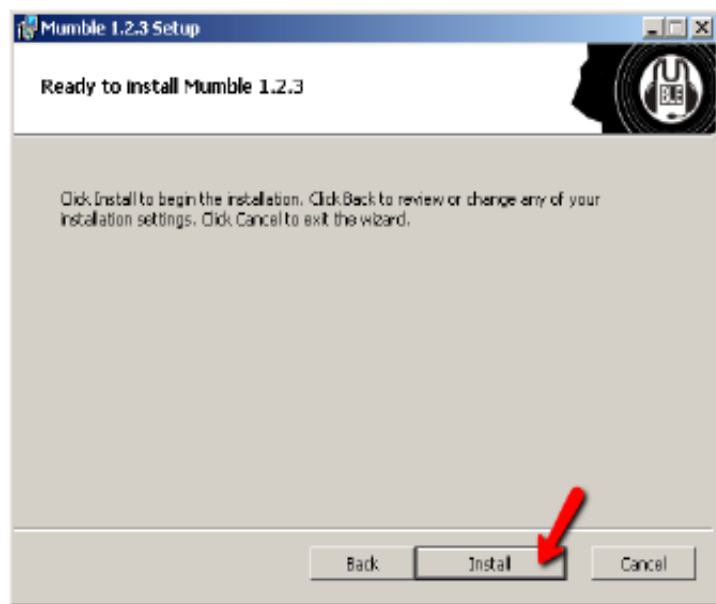
Install Client Software

Click the "Next" button to install only the client program.



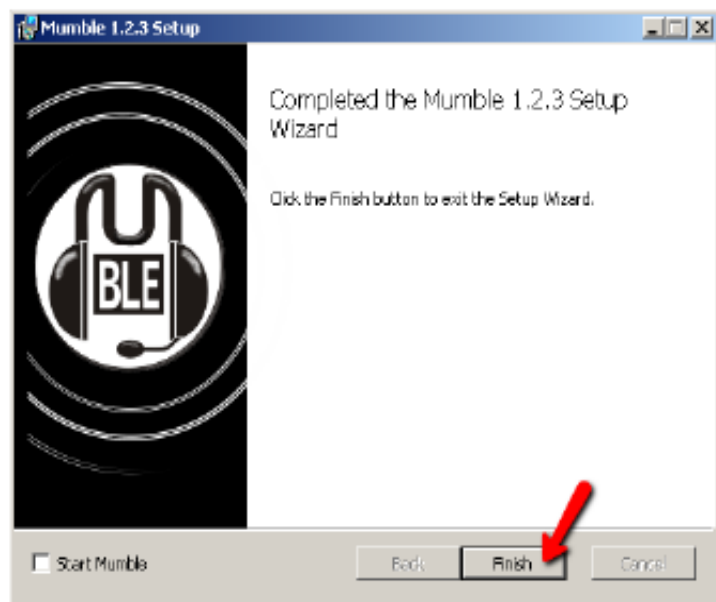
Start the Install Process

Click the "Install" button to install the software to your computer.



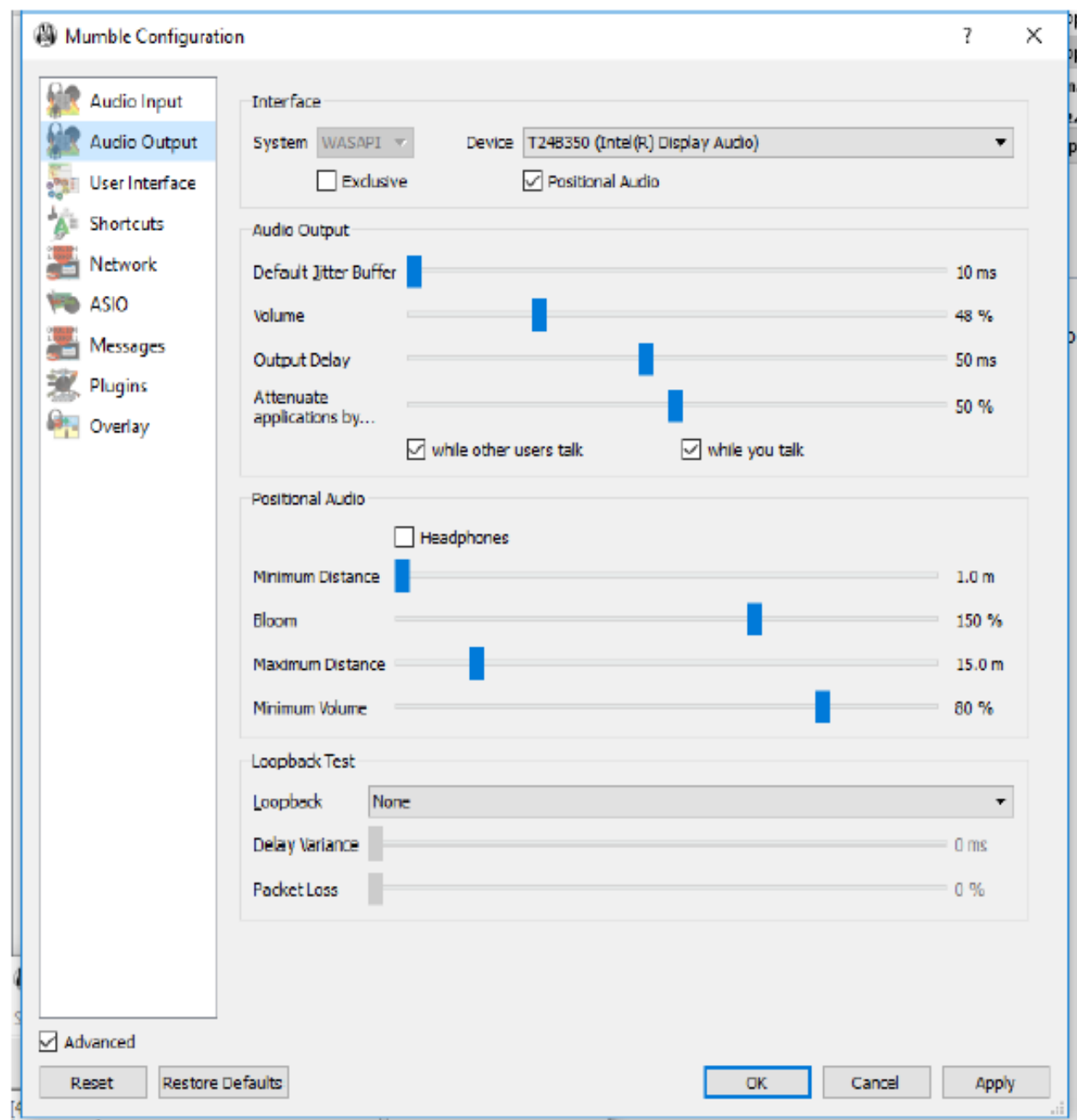
Mumble Installed

Click the "Finish" button to close the install program. At this point you have successfully installed the Mumble software.



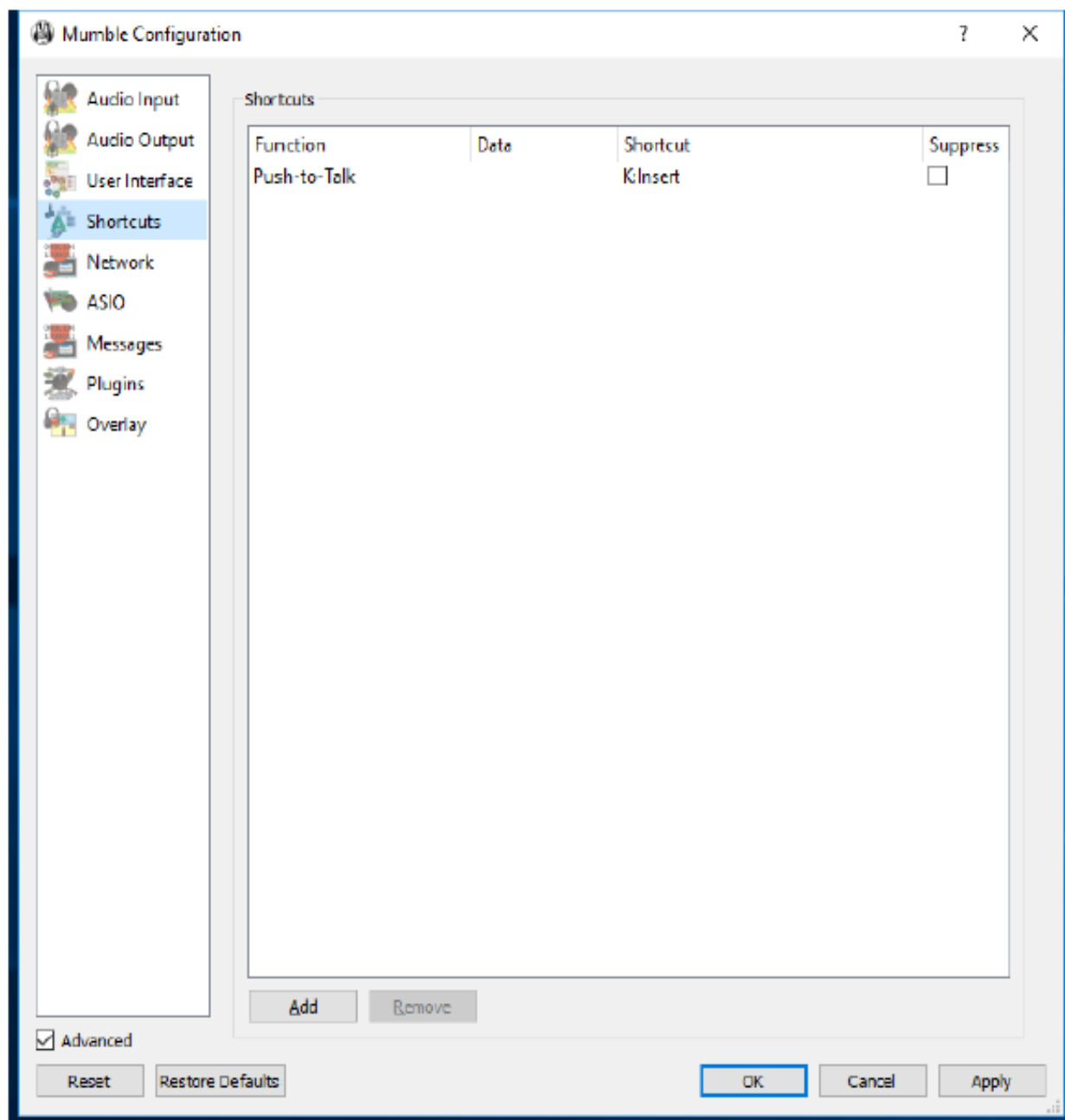
Select the microphone you will use for DX-Chat. You can use any microphone connected to your computer. This example shows a dedicated USB microphone; however, you can use the microphone in your camera used for Skype or any microphone plugged into the pink jack on your sound card.

Next, select Audio Output, use the Device pull down menu to select your system speakers. In this example, the audio output device is the built in the monitor.



Set the other Audio Output settings similar to those on this page. You can adjust them to your listening preference later.

The next setting is in the Shortcuts screen. Most DX-Chat users select the Insert key on their keyboard for the Push-to-Talk function. The Insert key is a good choice since most operators do not use it. There is a potential conflict in N1MM+ if the Insert key is used.



If there is a default entry, highlight the entry and select the option to 'Remove' the shortcut.

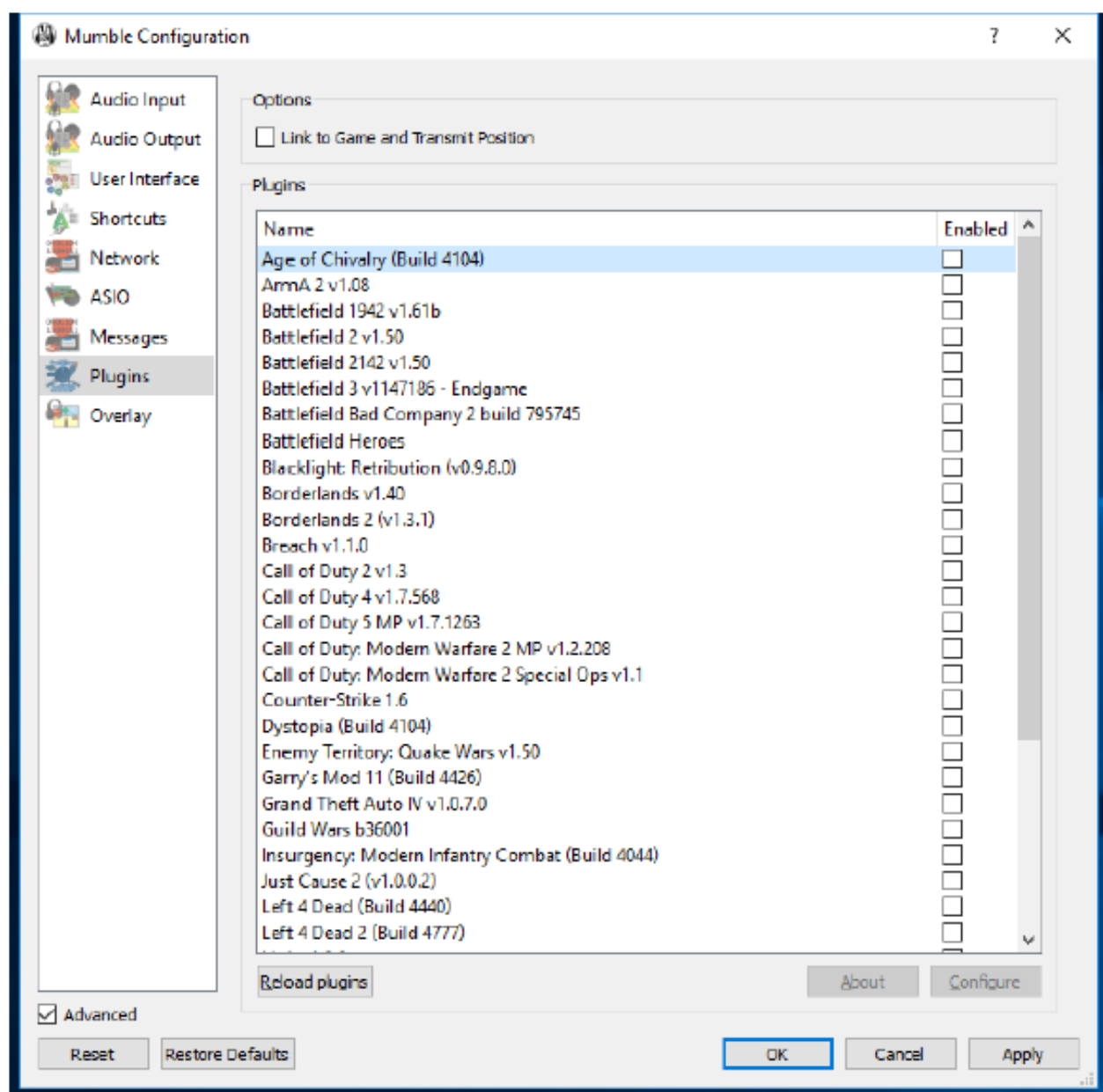
Select 'Add'

Under 'Function' select 'Push-to-Talk'

Highlight the area under 'Shortcut', and press the 'Insert' key on your keyboard.

Press 'Apply' at the bottom right corner of the screen.

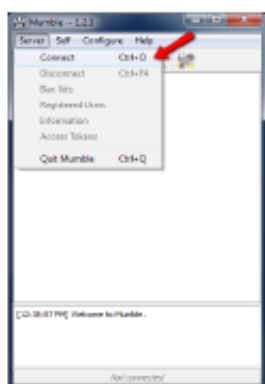
The next setting is in the Plugins screen.



On this screen, disable the plugins by removing all the check marks under 'Enable'.

Connect to the SCDXC DX-Chat Server

Click **"Server"** -> **"Connect"** on the menu bar to open the "Mumble Server Connect" dialog window as shown in the next step.



Add the Server to your Favorites

Click **"Add New..."**

Enter a Label for your server such as **"SCDXC DXChat"**

Enter your mumble.com server address and port such as **k6dxc.ddns.net**, port **7308**.

Put in your username using your callsign in CAPS, a – (dash), and your name.

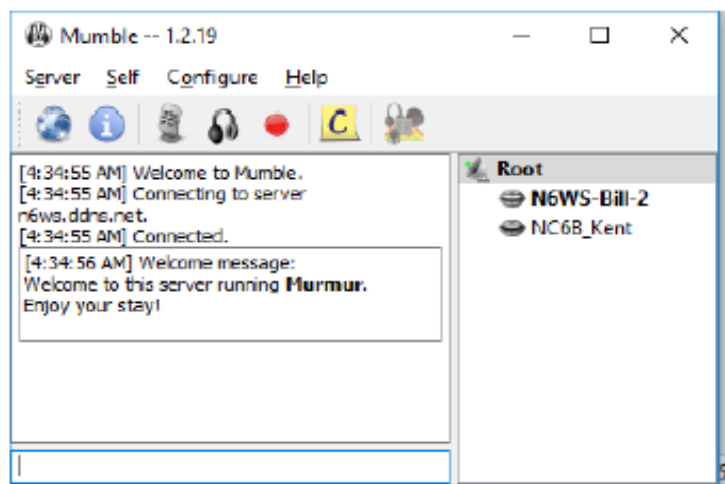
Example: **K6SY-Mel**

Click **"OK"**

Click on your newly created favorite and click **"Connect"**.

When prompted, enter the password received from one of the SCDXC officers.

You will then be presented with a screen showing the members connected to DX-Chat.



How to Participate in the SCDXC DX-Chat

Operating is basically the same as on 2-meters. You listen to the ongoing conversation, and when you want to join in, press the 'Insert' key on your keyboard, speak, and release the 'Insert' key to listen.

To send text messages that are converted to voice, type a message in the area at the bottom of the Mumble screen that contains the message, "Type message to channel 'Root' here." That message will then go to all users, and be announced in a computer generated voice.

Tid Bits

For Sale (K6RO)

2 Alpha 87a: 1500 watt amp

full output on all bands.

ser # 91190053 w/box and manual.

Comes with Alpha Power remote software. I never tried it.

I purchased this amp used in 2007 hoping to get back on the air.

Sat in box for 12 years. I never used it as my HOA said no radio. Very low hours.

Great amp for someone not wanting to spend \$6500 or more for a new amp.

\$2995 obo ..pickup only in RPV area.

1 Alpha 87a: 1500 watt amp

full output on all bands. w/box

I purchased it from a local ham who almost never used it. Excellent condition, very minimal paint chips.

Was back to Alpha for a minor repair in 2008, and almost no use since then.

Can supply a copy of my other manual.

\$2995 obo ..pickup only in RPV area.

Used Force 12 C3-SS 10/15/20M Yagi..works on 12/17 with a tuner.

Works great.

Retail new \$1229.00

Please Contact Larry at his QRZ.com email address.

For Sale (K6QU)

Jerry has an **Icom PW-1** Solid State Amplifier for sale. It has just been refurbished by Icom.

Asking \$2000 plus shipping. He will deliver it locally.



5K0K
San Andres Is-

Mel's Limericks

The League publishes QST in Connecticut.
Some of the authors don't know subject from predicate.
The league's Board is very autocratic.
Elections may make it more democratic
However, they all support good "on-the-air" etiquette.

DE K6SY 10/25/2019

Hickory, Dickory, Doc.
He forgot to wind the clock.
Dreaming of the Dayton HAM fest,
he completely missed the contest
Moral: remember to wind the clock, Doc.

DE K6SY 10/25/2019

There once was a man named Skip.
He was balding but still very hip.
When he first drove his new Vet
A ticket he would frequently get.
Drives slowly now so not be a radar blip.

DE K6SY 10/25/2019

The 2020 International DX Convention
Is being planned with some apprehension.
There'll be radio equipment galore
and seminars behind nearly every door.
It is worthy of lots of attention.

DE K6SY 10/25/2019

Planning the 2020 International DX Convention
Is causing some hypertension
It's now back in its old location
with all new accommodations..
Did I mention it deserves a lot of attention?

DE K6SY 10/25/2019

OceaniaDXcontest

Counting down the final weeks!

Thank you for participating in the 2018 Oceania DX (OCDX) contest.

This is a reminder that the HF bands will again be alive with DX signals from Oceania during the next OCDX contest on the first two weekends of November 2019. The PHONE section of the contest runs from 08:00z on 5th November to 08:00z on 6th November, and the CW section at the same times on the following weekend (12th and 13th November).

Thanks to our generous sponsors, numerous trophies and plaques are up for grabs again this year – see the full list at <http://www.oceaniadxcontest.com/Rules/Awards/awards.html>.

We invite you to participate again, and encourage others who have not participated previously to also have a go.

Please read the 2019 rules at <http://www.oceaniadxcontest.com/Rules/rules.html>

We encourage you to submit a log, even if you only make one or two QSOs, so we can verify these QSOs when calculating the final scores for entrants.

Any other questions? Have a look at our website <http://www.oceaniadxcontest.com/index.html> or send an email to info@oceaniadxcontest.com.

73 and see you in the pileups!

Oceania DX Contest Committee (ZL2IFB, ZL3GA, VK4FH, VK3GK, VK3MI/ZL1AZE, VK3TZ, VK7GN, YB0NDT)

Two Free Amateur Radio Courses

FCC **“Technician”** course (entry level)

FCC **“General”** course (2nd level)

Each course is 2 sessions

The sessions will be on 2 and 9 November 2019

Technician 9:30 AM to 1:30 PM both Saturdays (bring your lunch)

General 1:45 PM to 5:00 PM both Saturdays

The FCC tests will be 10:30 AM to noon on 16 November 2019

At the start of the 2 November Technician course, the Palos Verdes Amateur Radio Club will give a 30 minute presentation on how to get further involved with amateur radio.

The class location is at Fred Hesse Community Park,
29301 Hawthorne Blvd., Rancho Palos Verdes, CA 90275

Confirm your attendance to Walt, K1DFO at waltordway@juno.com

There is no fee for either course.

Taking the FCC test is \$15.

Optional Material (sold at cost)

Gordon West books with all the FCC test questions,

\$26 for the Technician and \$26 for the General

Paper copy of Walt's Power Point charts,

\$22 for the Technician and \$18 for the General

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who pass their examination at a PVARC VE test session will, upon application to the Club, be eligible for reimbursement up to a maximum of \$50 to cover the cost of materials and the examination fee.

Everyone who obtains their first ham radio license through a PVARC VE test session, regardless of age, will receive a free membership in the Palos Verdes Amateur Radio Club for the remainder of the current calendar year.

Useful DX Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DX Calendar
DXCAL.info

DXing.info
www.dxing.info/dxpeditions/

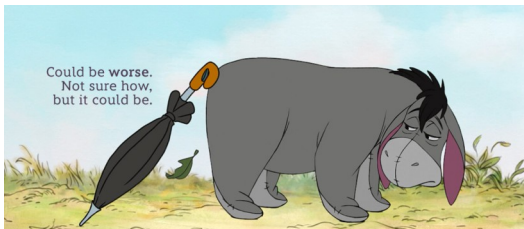
DX 425 News
www.425dxn.org/dxped/

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

DXCC Year End Review Archive
<http://hamgallery.com/W1JR/>

Propagation

My Beautiful World is Melting!



Eeyore predicts the peak will be in 2023 to 2026 and it will be 105 very tiny sunspots! Maybe it is time to sell our gear and buy stock in warm clothing companies!

**Both Numbers are
Flat Flat Flat!!!**

I think nothing has changed! The DX is still happening!

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:
<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

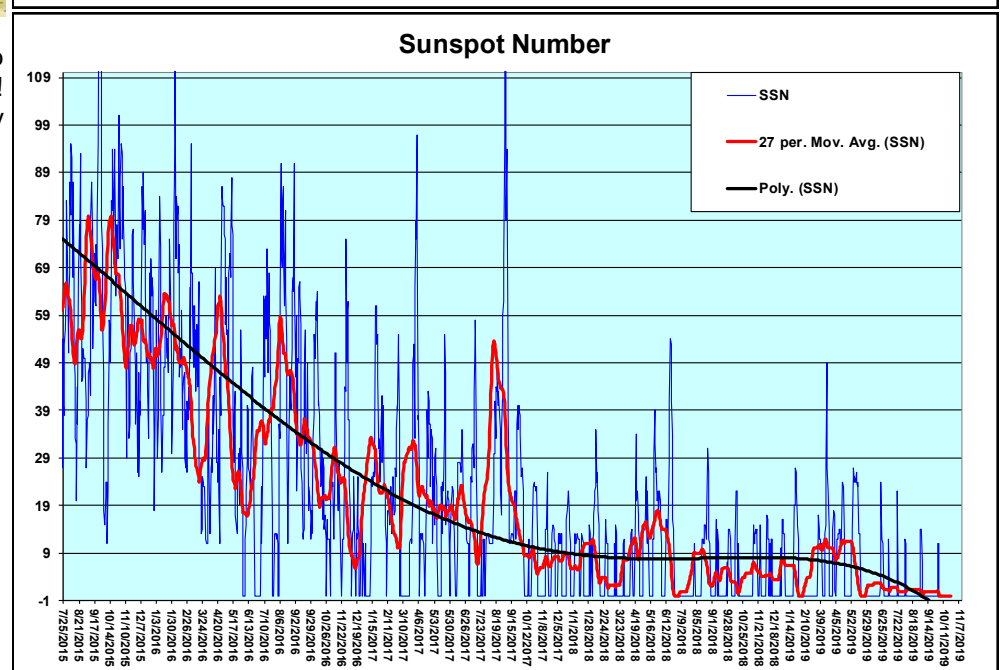
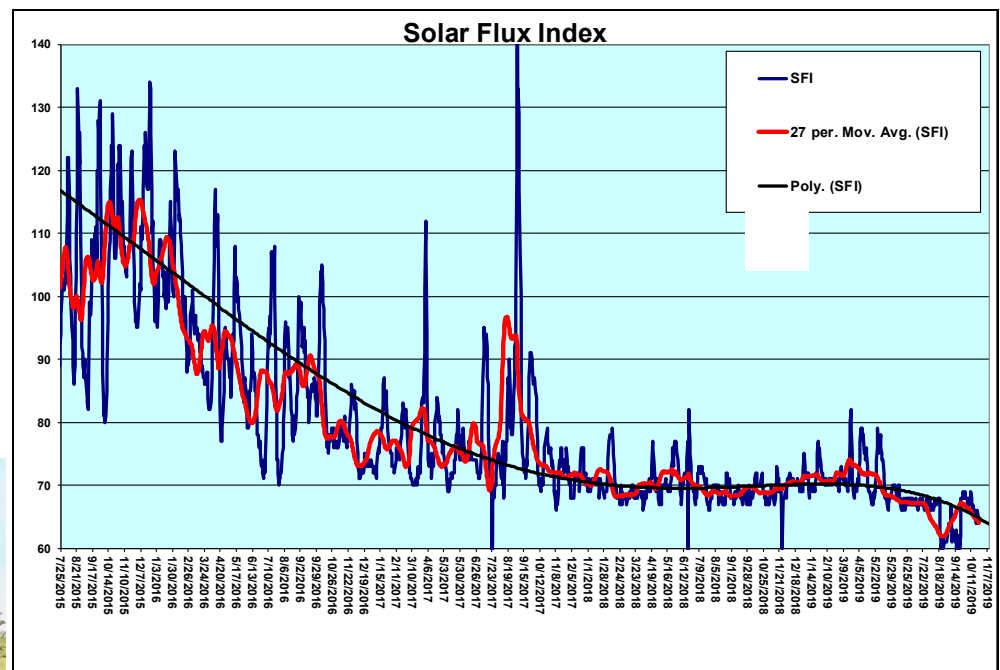
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
Burbank	bnk@hamradio.com	1-818-842-1786	1-800-854-6046	1-818-842-5283
San Diego	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705

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